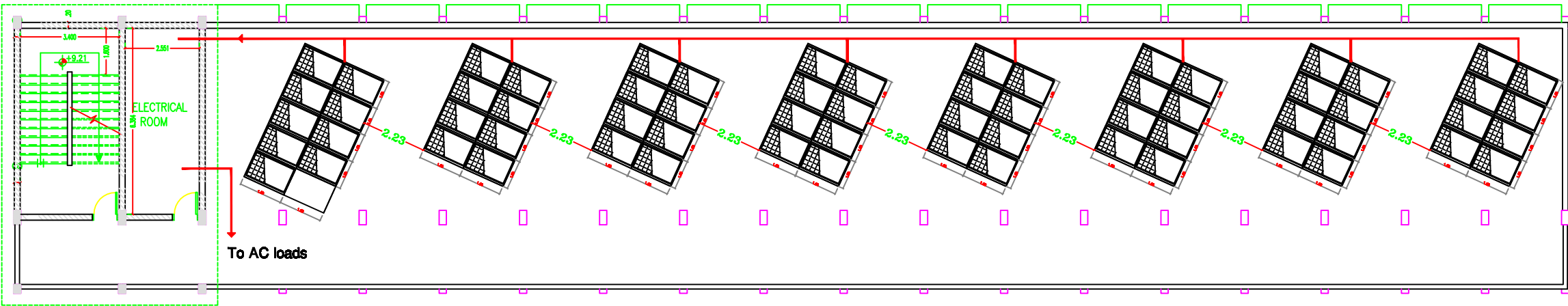


Electrical Drawings

PV SOLAR SYSTEM

Khan Younis Secondary Girls School		
School lighting loads K.Watt	No. of PV modules	No. of batteries
16	65	49



NOTES:



FOR TENDER ONLY



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Al Falkhara Programme

IMPLEMENTED BY



United Nations Development Programme
Programme of Assistance to the Palestinian People

Designed	ENG. ALAA SHALABY
Checked	UNDP
Approved	UNDP

Project Name
RIGHT TO EDUCATION

School name
Khan Younis Secondary Girls School

Drawing name
solar panels Layout

Scale	Drawing No.
To/From	E 01

NOTES:

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PALESTINIAN NATIONAL AUTHORITY

DONATED BY



EDUCATION ABOVE ALL
Al Falkhoora Programme

IMPLEMENTED BY



United Nations Development Programme
Programme of Assistance to the Palestinian People

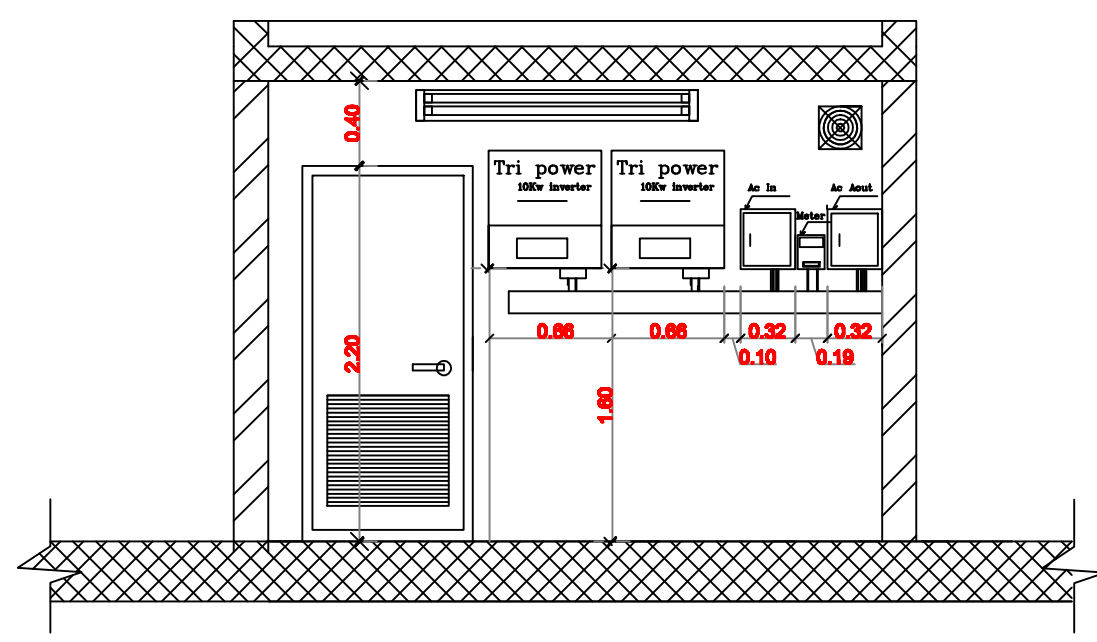
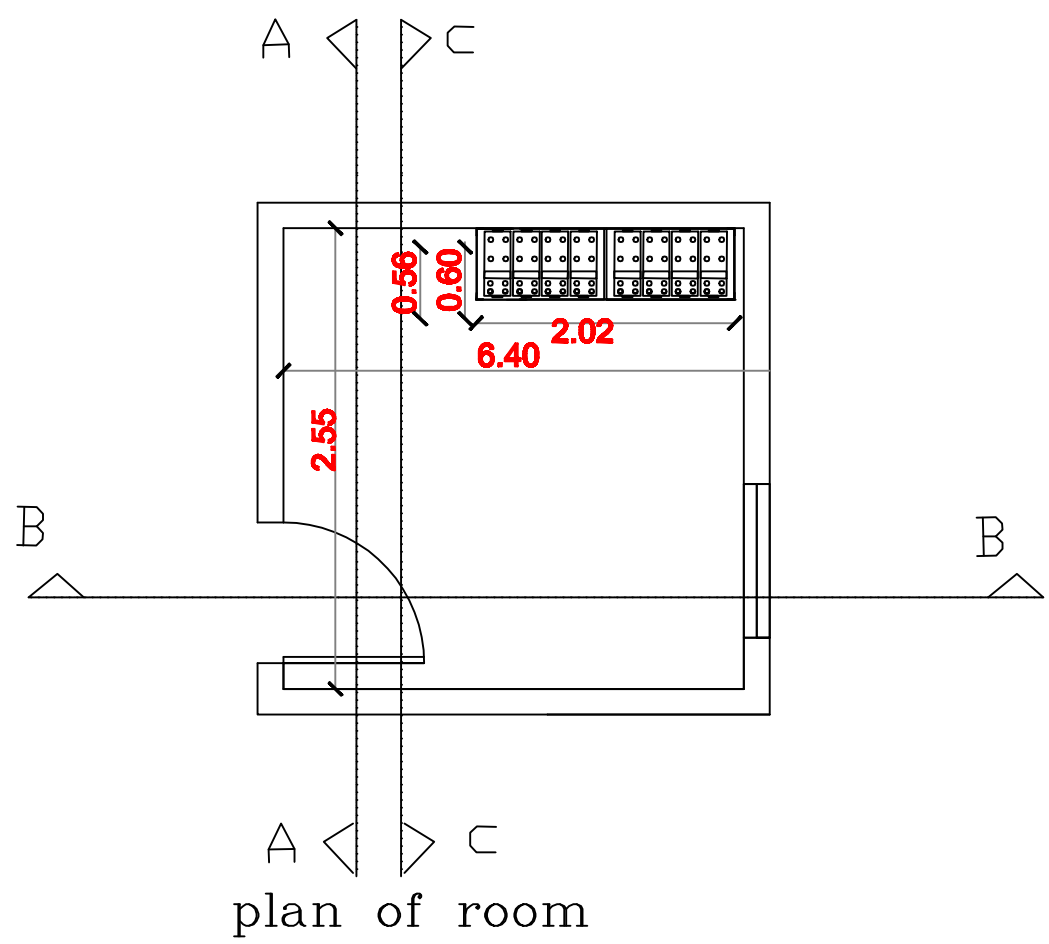
Designed	ENG. ALAA SHALABY
Checked	UNDP
Approved	UNDP

Project Name
RIGHT TO EDUCATION

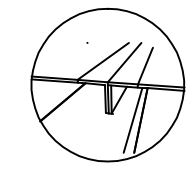
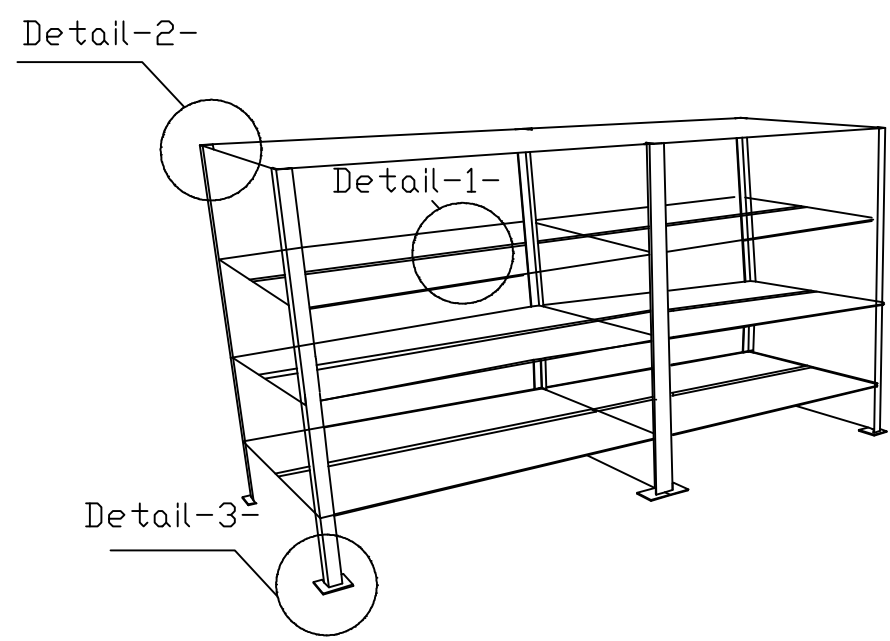
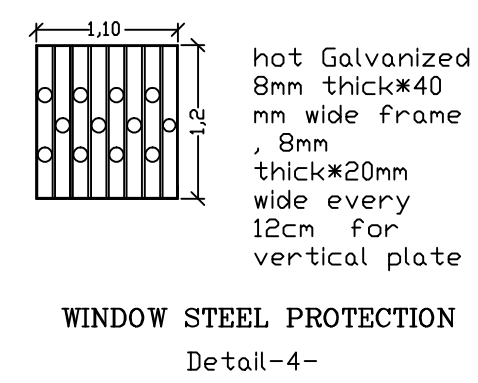
School name
Khan Younis Secondary Girls School

Drawing name
Sections of solar room & Details

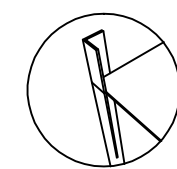
Scale	Drawing No.
1:10	E 02



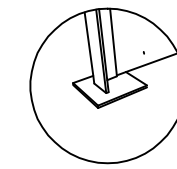
section A-A



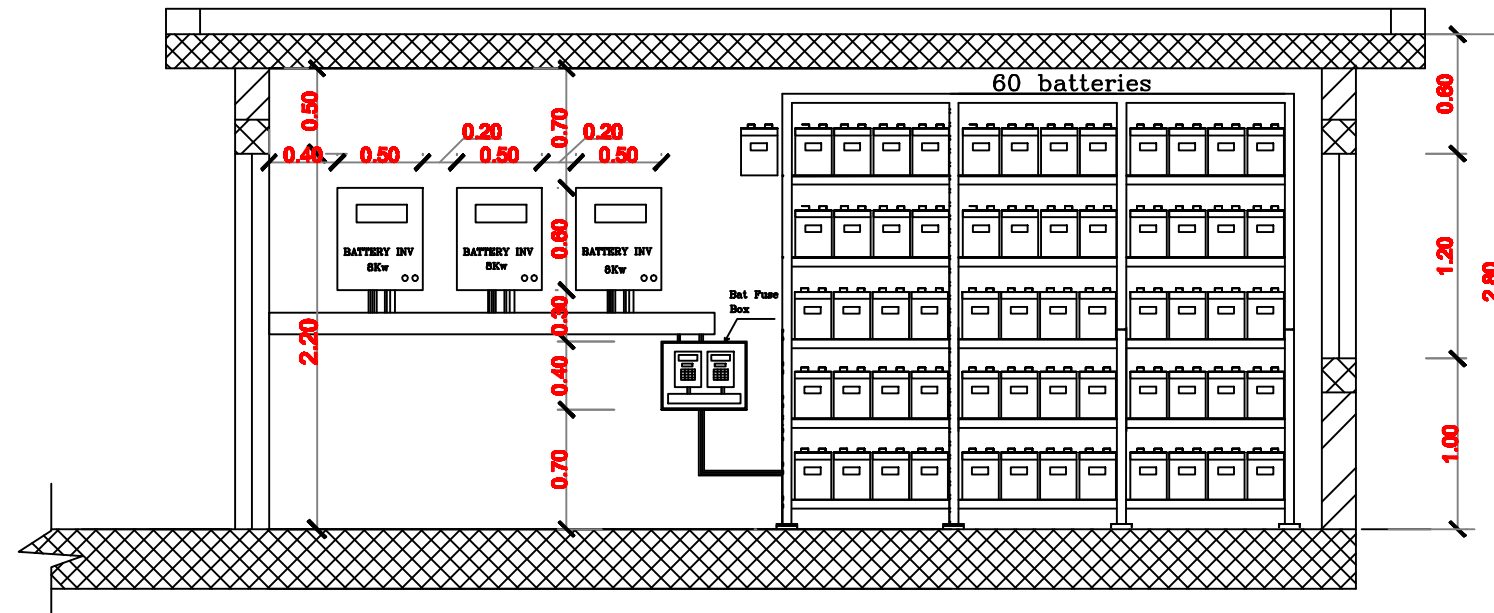
Detail-1-
hot Galvanized
double angle
5*5 cm with
5mm depth



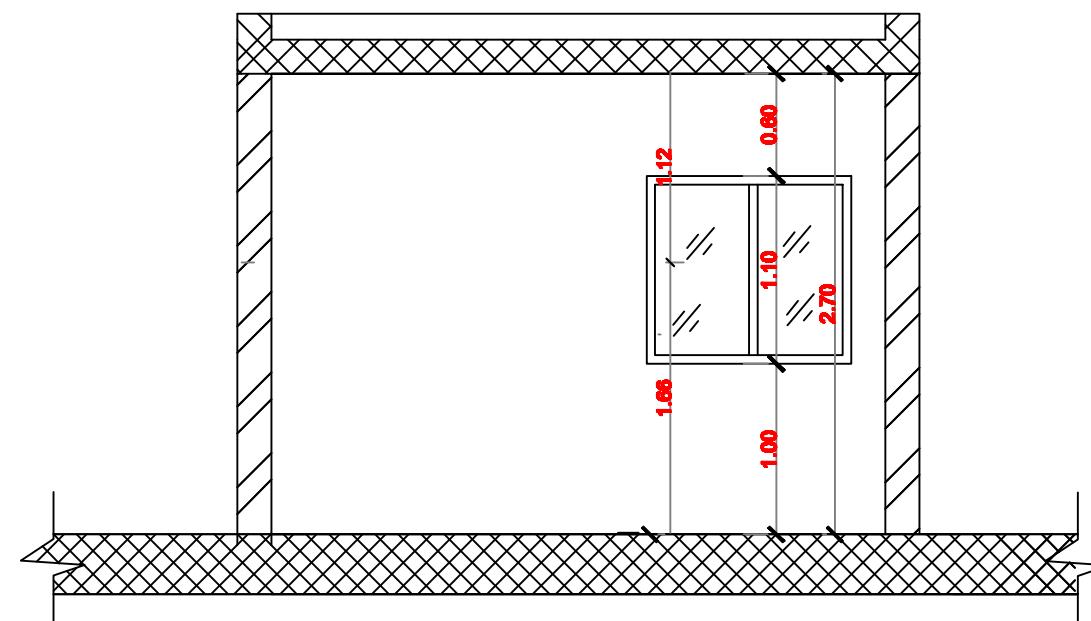
Detail-2-
hot Galvanized
angle 5*5 cm
with 5mm
depth



Detail-3-
Galvanized
plate 12*12
cm*4mm



section B-B



section C-C

NOTES:

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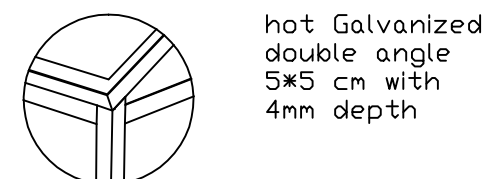
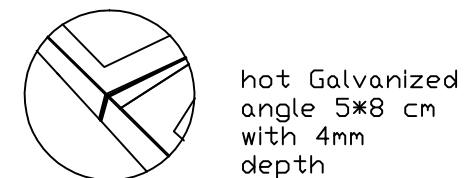
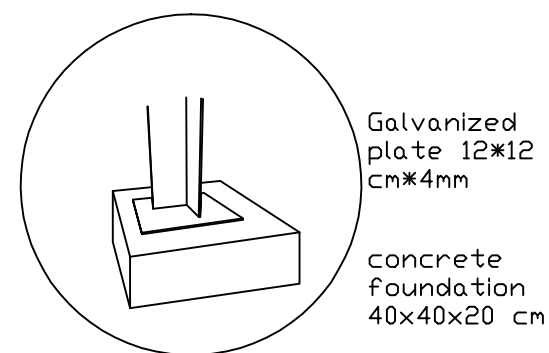
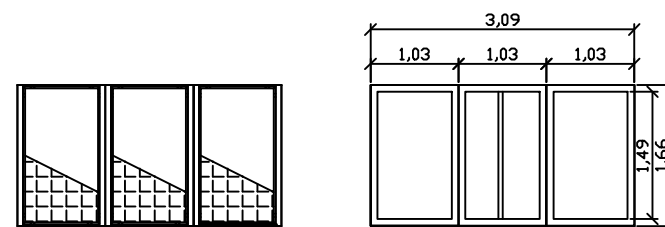
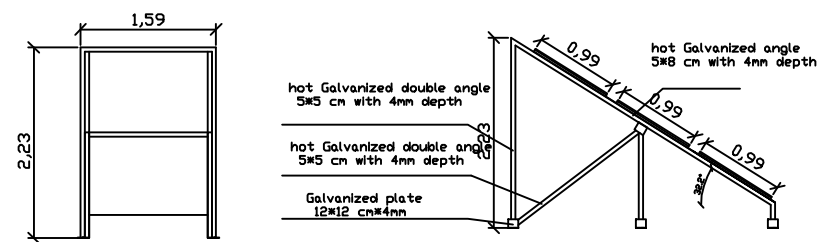
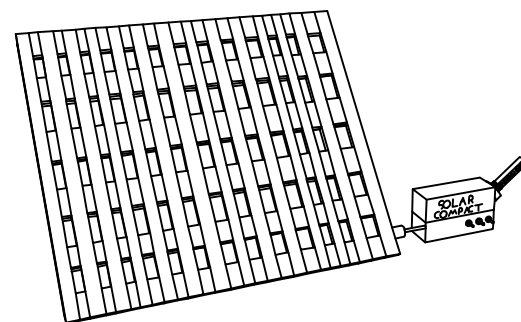
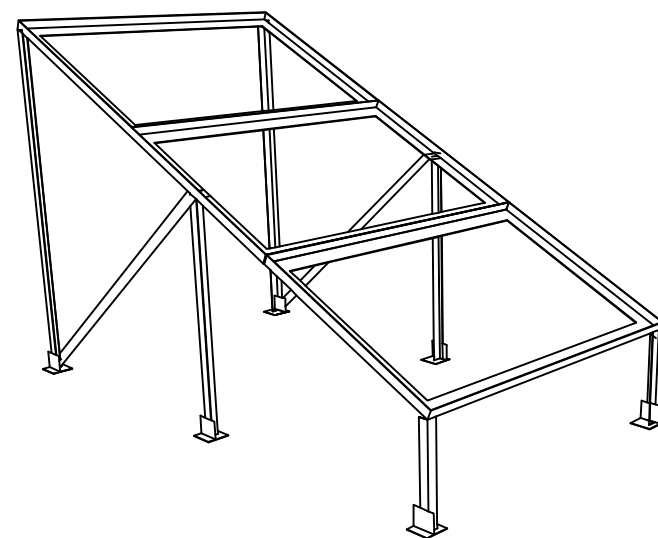
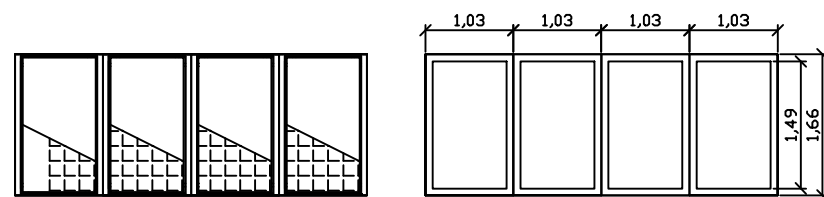
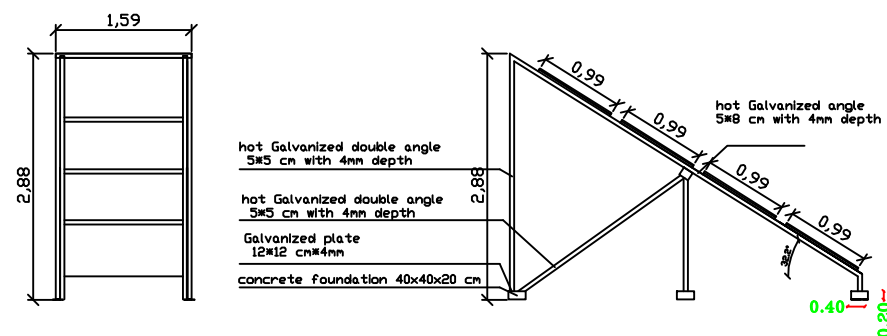
Designed	ENG. ALAA SHALABY
Checked	UNDP
Approved	UNDP

Project Name
RIGHT TO EDUCATION

School name
Khan Younis Secondary Girls School

Drawing name
Batteries bank details

Scale	Drawing No.
1:10	E 03



NOTES:

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Designed ENG. ALAA SHALABY

Checked UNDP

Approved UNDP

Project Name

RIGHT TO EDUCATION

School name

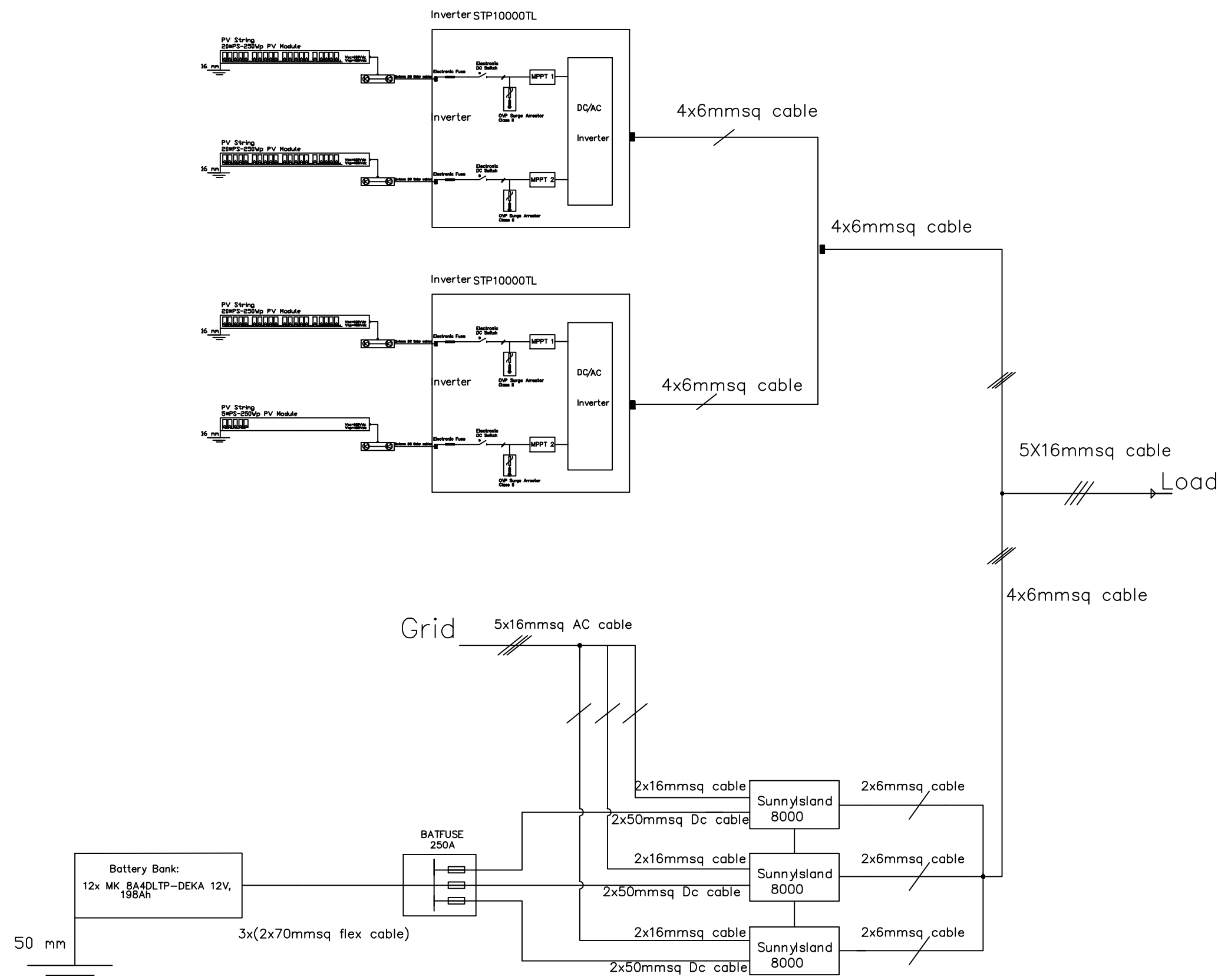
Khan Younis Secondary Girls School

Drawing name

solar panels mounting structure

Scale Drawing No.

To Be E 04



NOTES:

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United Nations Development Programme
Programme of Assistance to the Palestinian People

Designed	ENG. ALAA SHALABY
Checked	UNDP
Approved	UNDP

Project Name

RIGHT TO EDUCATION

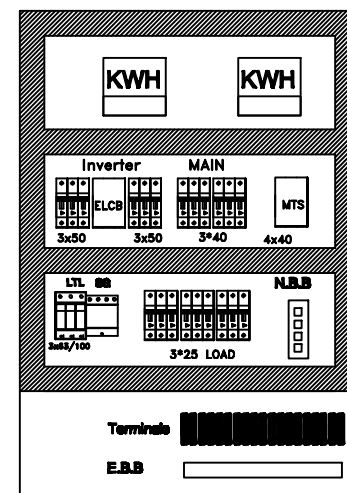
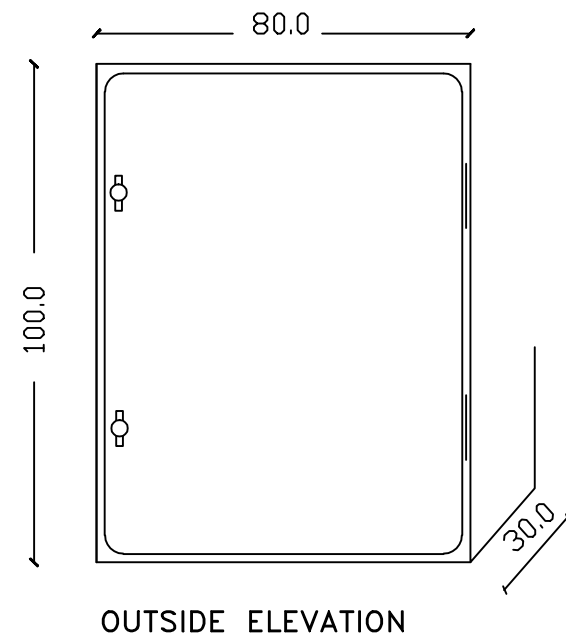
School name

Khan Younis Secondary Girls School

Drawing name

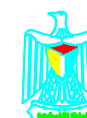
Single line diagram of solar system

Scale	Drawing No.
1:1	E 06



NOTES:

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Al Falkhoora Programme

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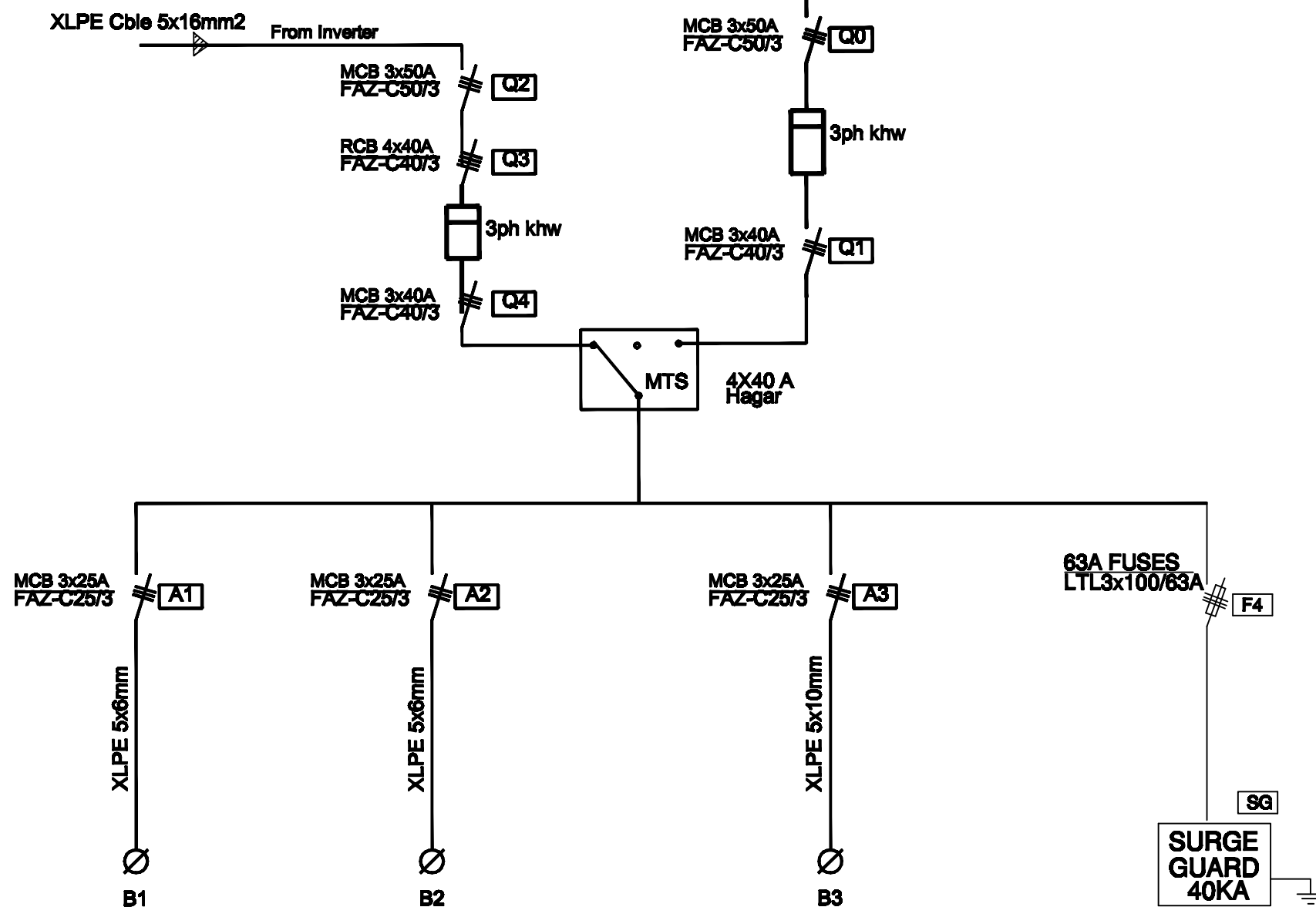
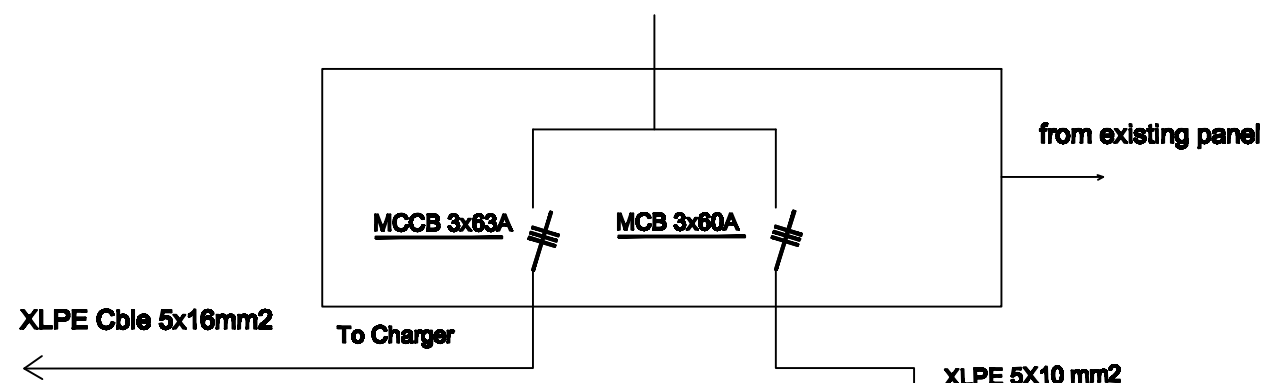
Designed	ENG. ALAA SHALABY	
Checked	UNDP	
Approved	UNDP	

Project Name
RIGHT TO EDUCATION

School name
Khan Younis Secondary Girls School

Drawing name
MDB PANEL LAYOUT

Scale	Drawing No.
To/From	E 07



NOTES:

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Al Falkhoora Programme

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Designed ENG. ALAA SHALABY

Checked UNDP

Approved UNDP

Project Name

RIGHT TO EDUCATION

School name

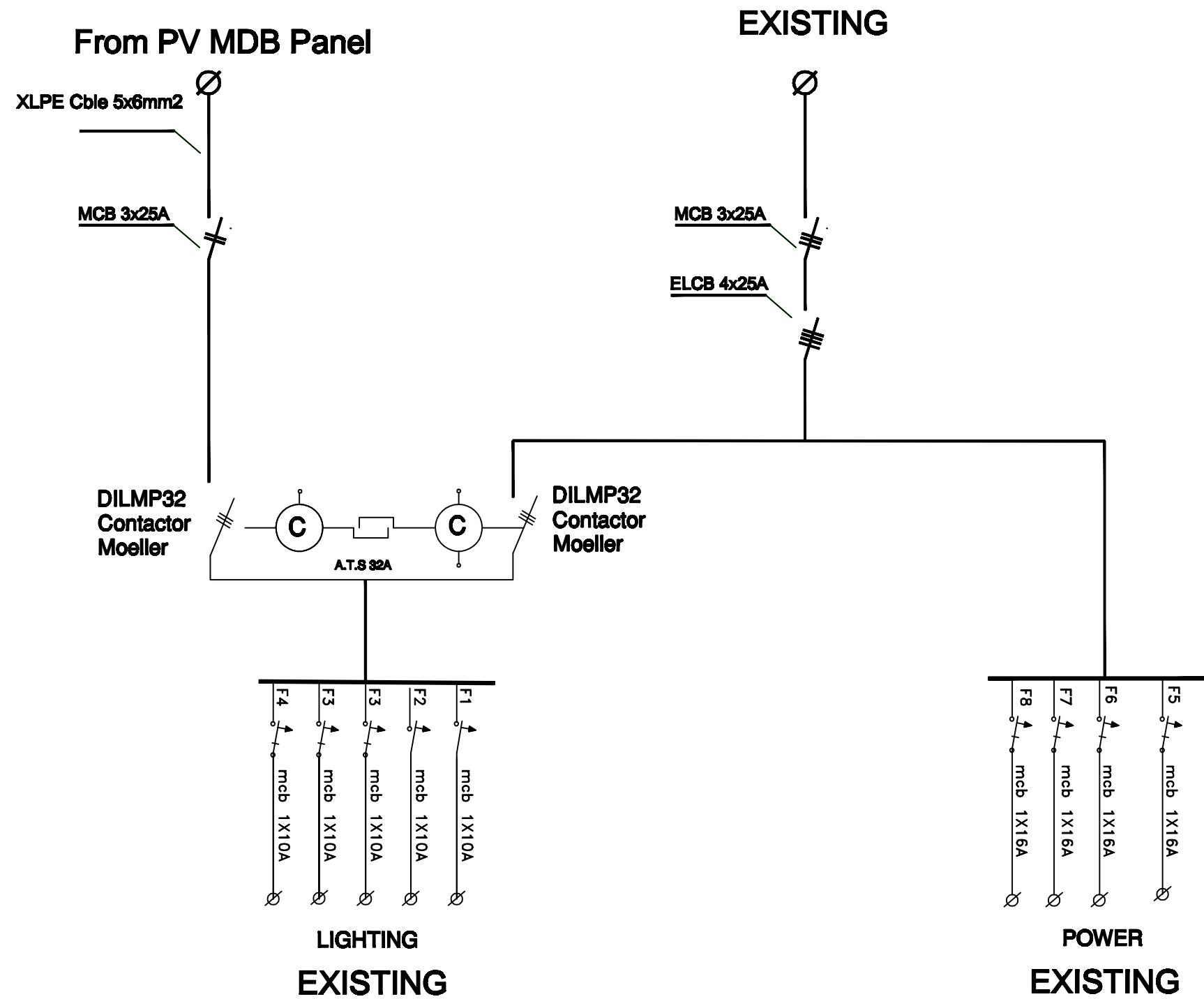
Khan Younis Secondary Girls School

Drawing name

PV AC MDB PANEL

Scale Drawing No.

To/From E 08



NOTES:

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Programme of Assistance to the Palestinian People

Designed	ENG. ALAA SHALABY
Checked	UNDP
Approved	UNDP

Project Name
RIGHT TO EDUCATION

School name
Khan Younis Secondary Girls School

Drawing name
SDS PANEL DIAGRAM

Scale	Drawing No.
To/From	E 09

NOTES:

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Al Falkhoora Programme

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Programme of Assistance to the Palestinian People

Designed	ENG. ALAA SHALABY
Checked	UNDP
Approved	UNDP

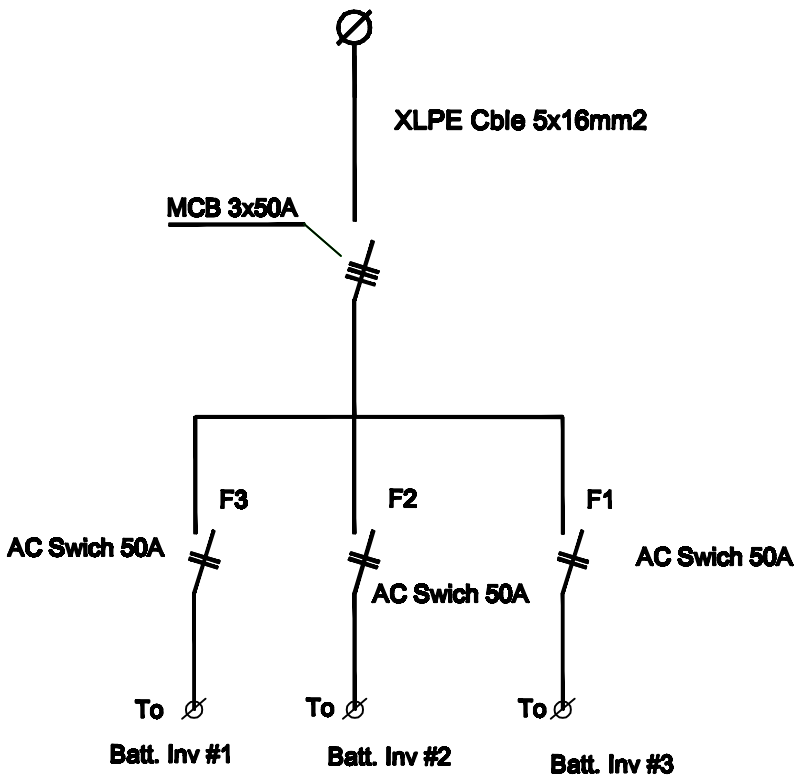
Project Name
RIGHT TO EDUCATION

School name
Khan Younis Secondary Girls School

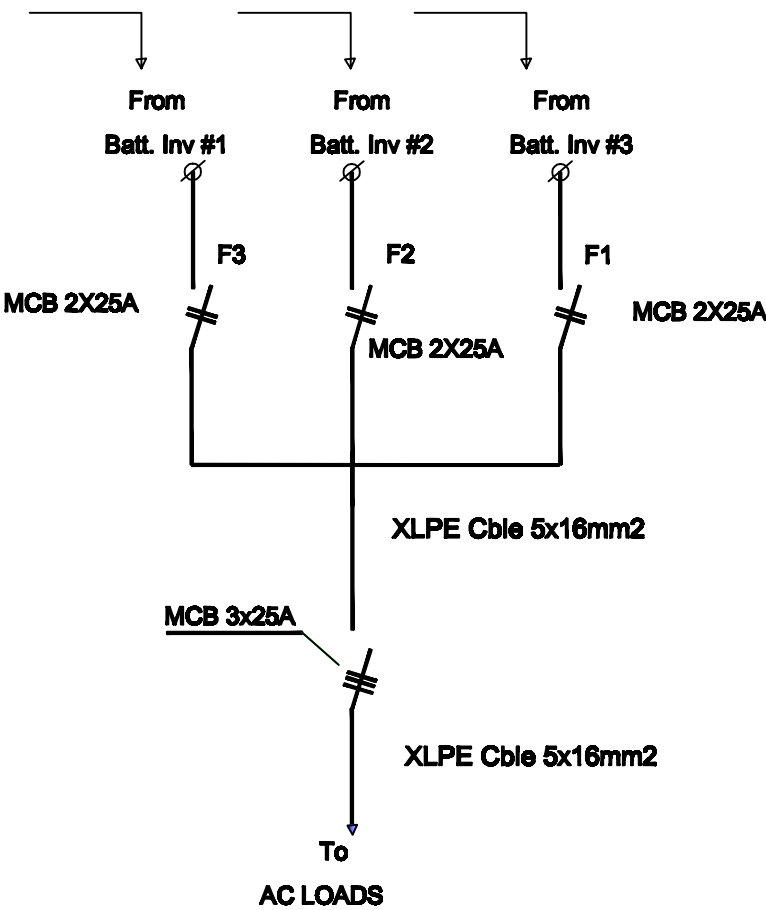
Drawing name
AC OUT & AC IN

Scale	Drawing No.
To/From	E 10

AC IN FOR CHARGING

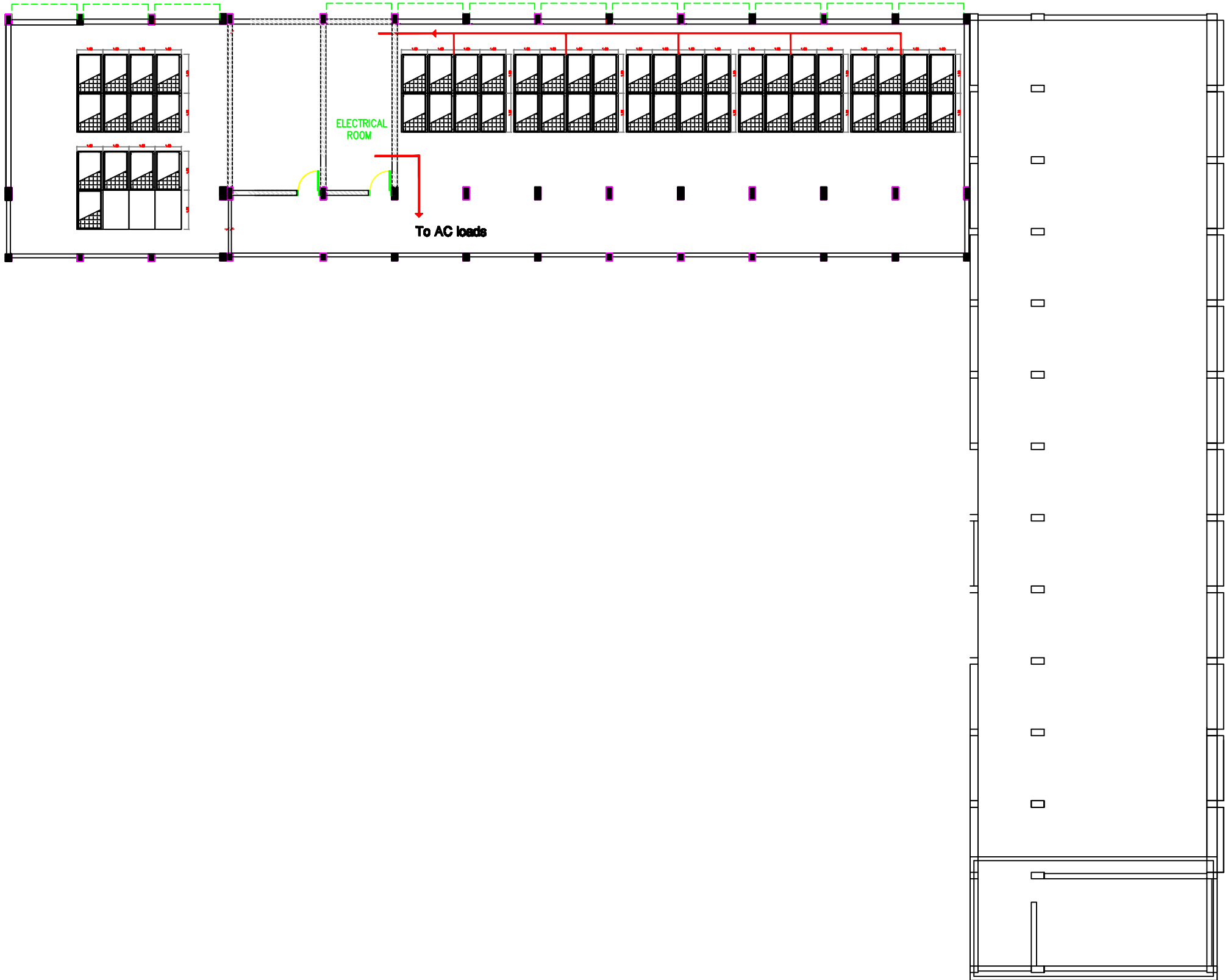


AC IN PANEL



AC OUT PANEL

SHOHADA' BANI SOHYLA SECONDARY GIRLS SCHOOL		
School lighting loads K.Watt	No. of PV modules	No. of batteries
13	53	41



NOTES:


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EDUCATION ABOVE ALL

Al Falkhoora Programme

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Programme of Assistance to the Palestinian People

Designed	ENG. ALAA SHALABY
Checked	UNDP
Approved	UNDP

Project Name

RIGHT TO EDUCATION

School name

SHOHADA' BANI SOHYLA SECONDARY GIRLS SCHOOL

Drawing name

solar panels Layout

Scale	Drawing No.
1:10	E 01

NOTES:

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Al Falkhoara Programme

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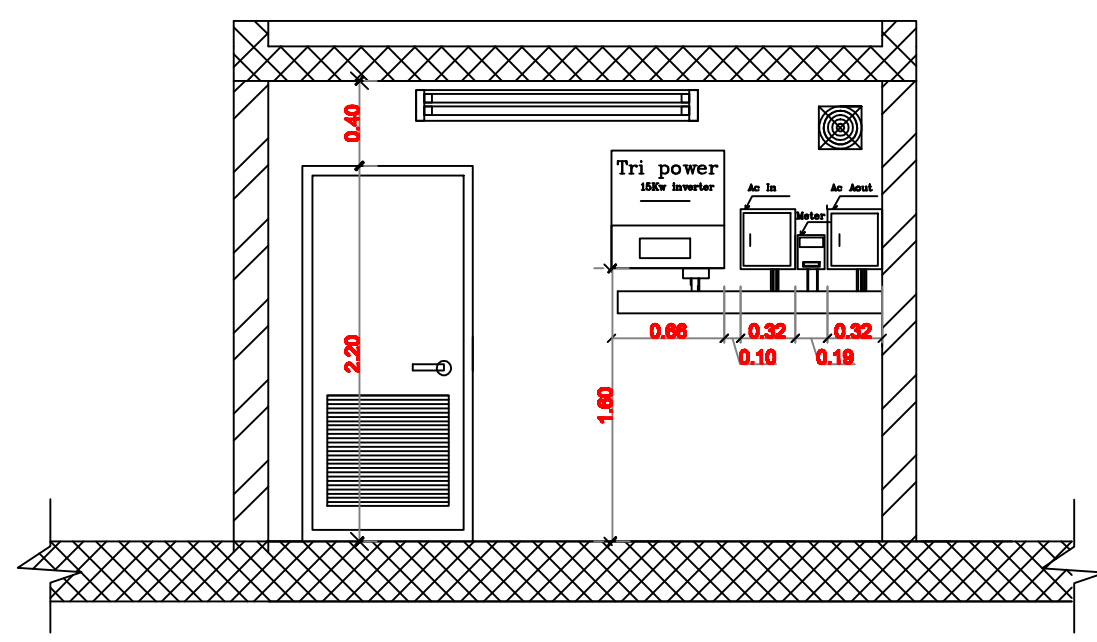
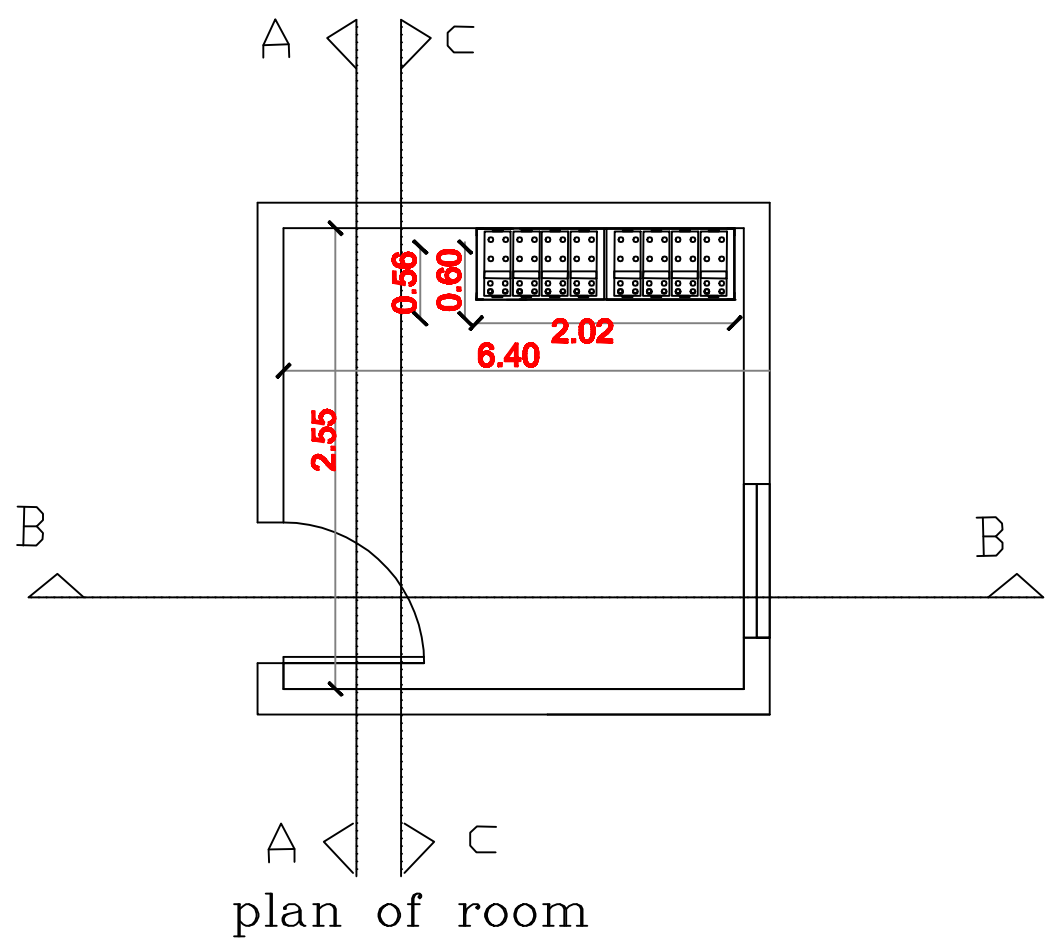
Designed	ENG. ALAA SHALABY
Checked	UNDP
Approved	UNDP

Project Name
RIGHT TO EDUCATION

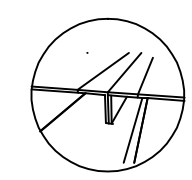
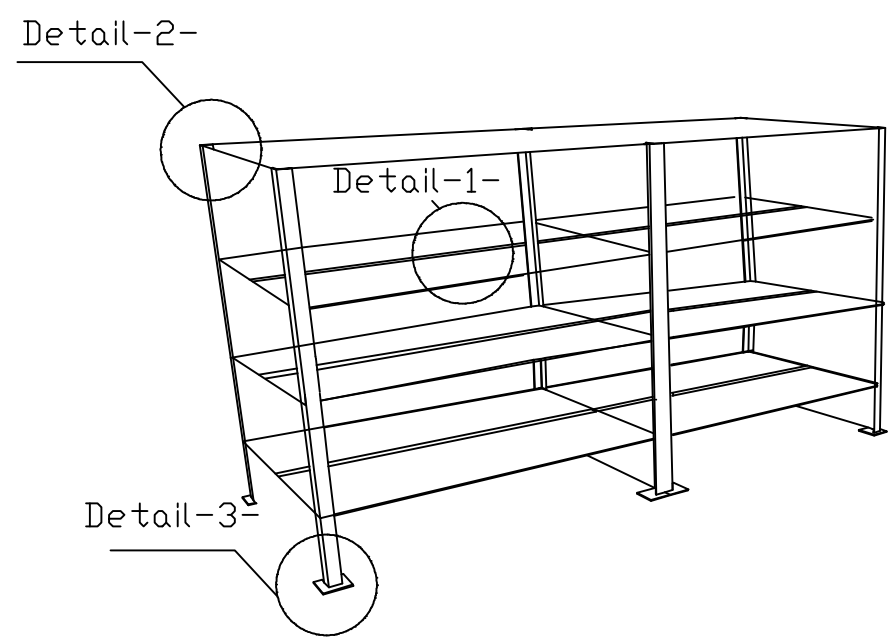
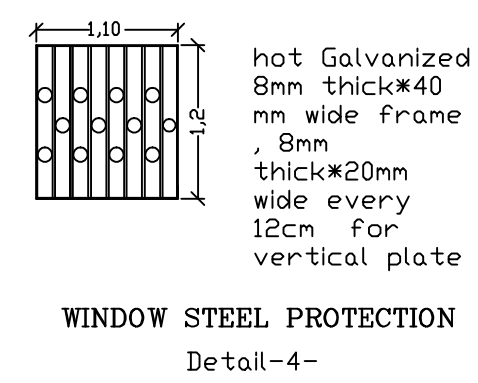
School name
SHOHADA' BANI SOHYLA SECONDARY GIRLS SCHOOL

Drawing name
Sections of solar room & Details

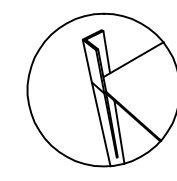
Scale	Drawing No.
1:10	E 02



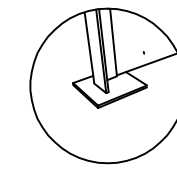
section A-A



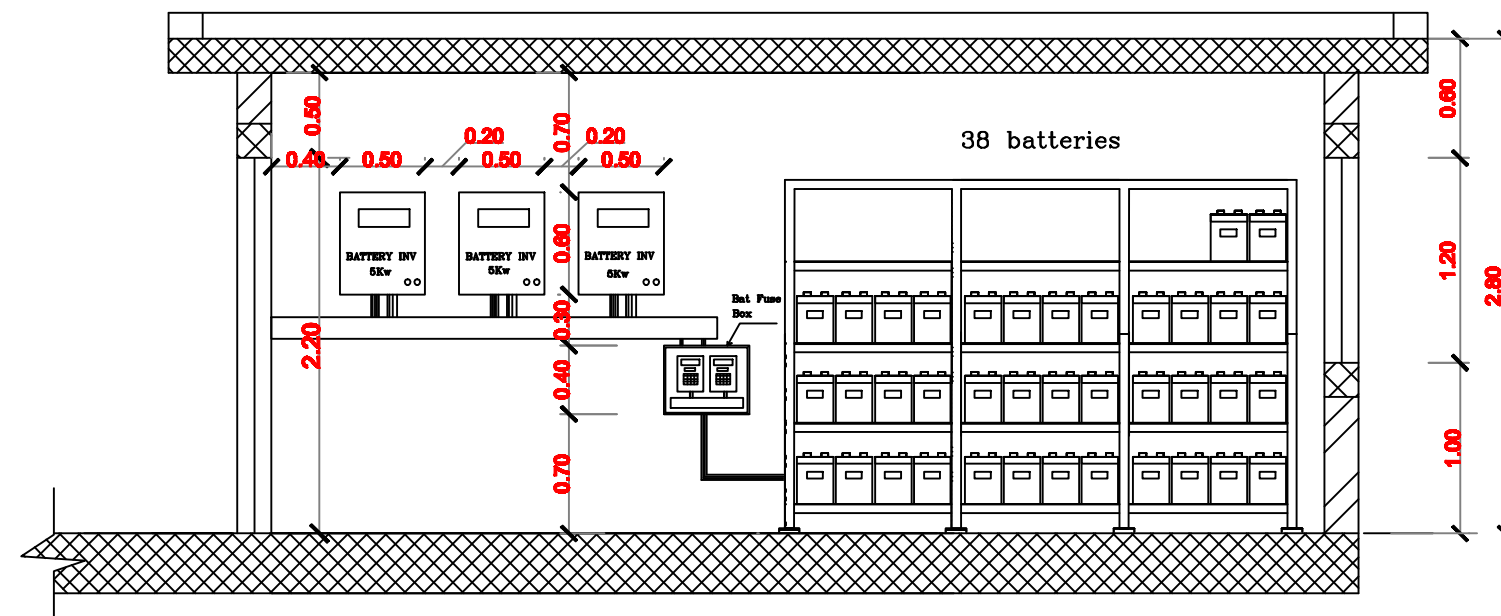
Detail-1-
hot Galvanized
double angle
5*5 cm with
5mm depth



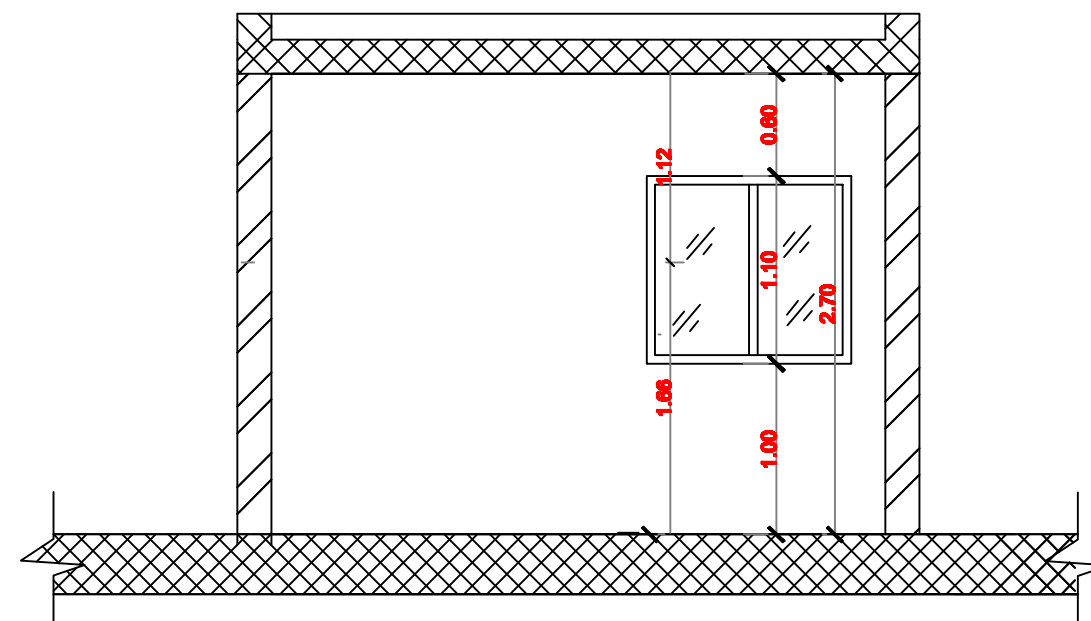
Detail-2-
hot Galvanized
angle 5*5 cm
with 5mm
depth



Detail-3-
Galvanized
plate 12*12
cm*4mm



section B-B



section C-C

NOTES:

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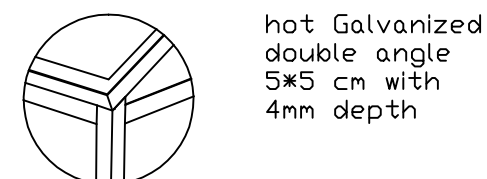
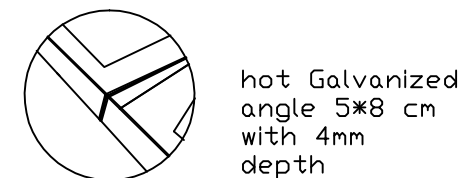
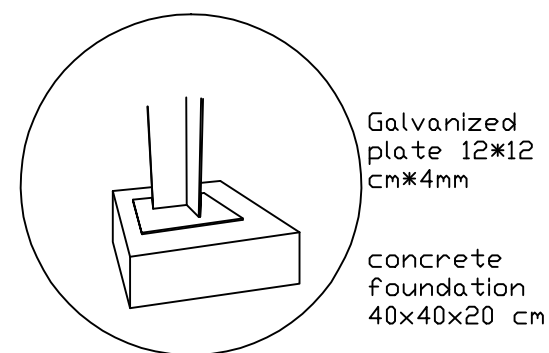
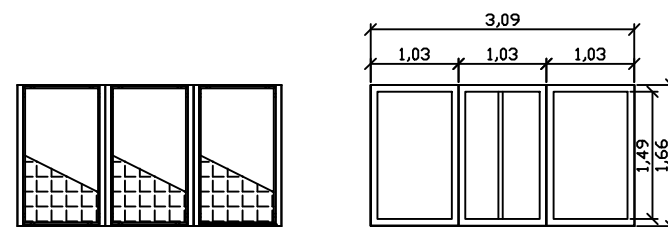
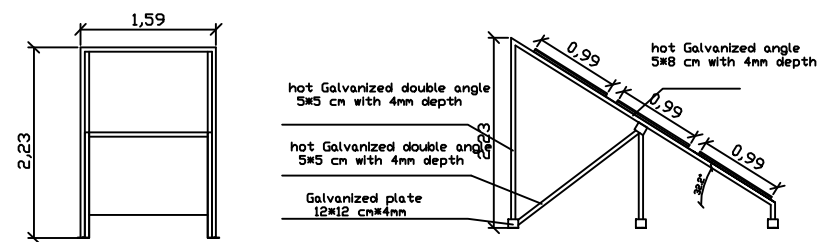
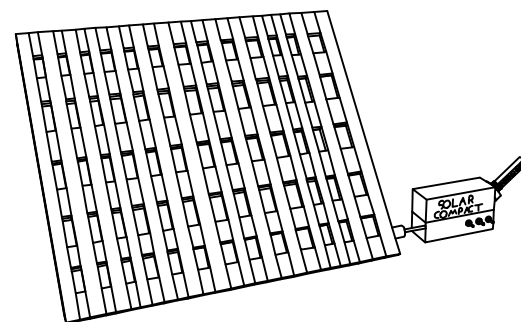
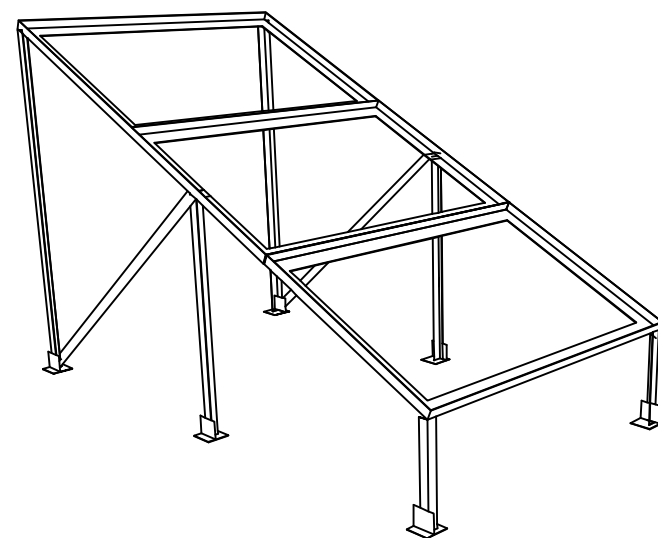
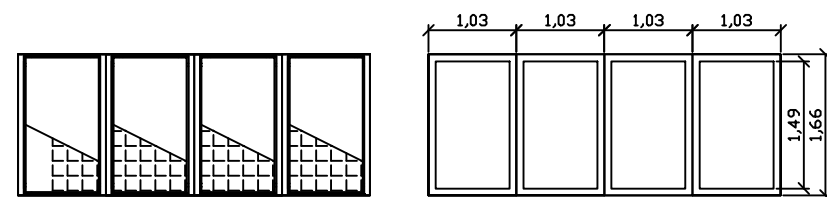
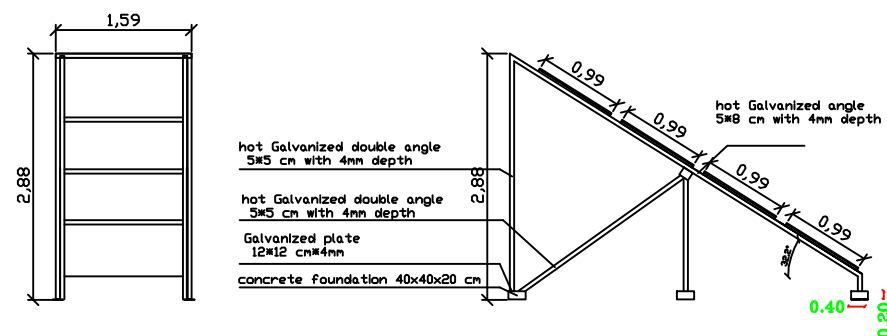
Designed	ENG. ALAA SHALABY
Checked	UNDP
Approved	UNDP

Project Name
RIGHT TO EDUCATION

School name
**SHOHADA' BANI SOHYLA SECONDARY
GIRLS SCHOOL**

Drawing name
Batteries bank details

Scale	Drawing No.
1:10	E 03



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Designed ENG. ALAA SHALABY

Checked UNDP

Approved UNDP

Project Name

RIGHT TO EDUCATION

School name

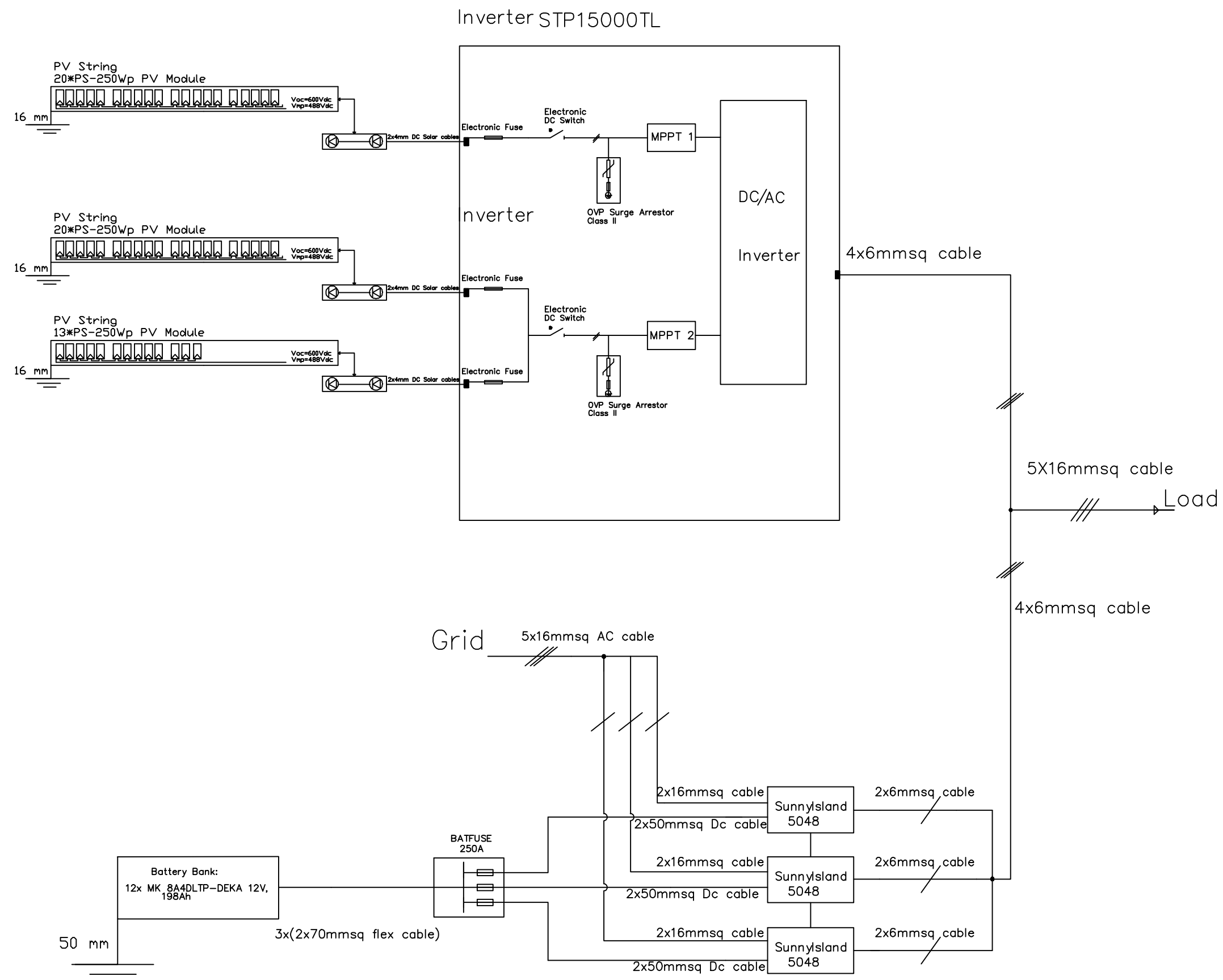
SHOHADA' BANI SOHYLA SECONDARY
GIRLS SCHOOL

Drawing name

solar panels mounting structure

Scale Drawing No.

To Be E 04



NOTES:

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Al Falkhoara Programme

IMPLEMENTED BY



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Programme of Assistance to the Palestinian People

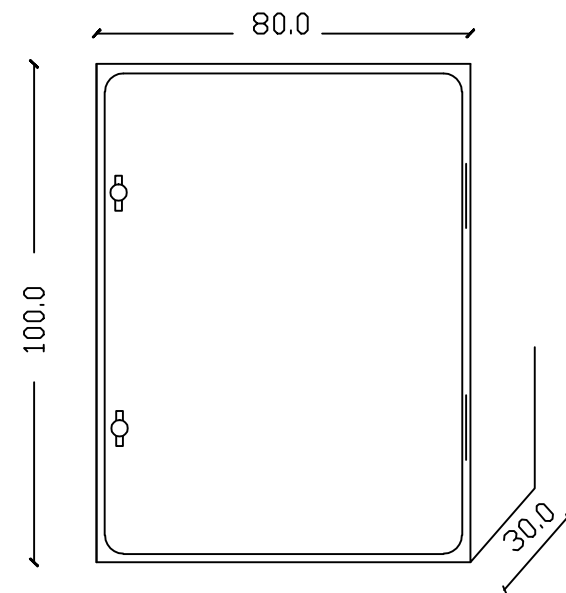
Designed	ENG. ALAA SHALABY
Checked	UNDP
Approved	UNDP

Project Name
RIGHT TO EDUCATION

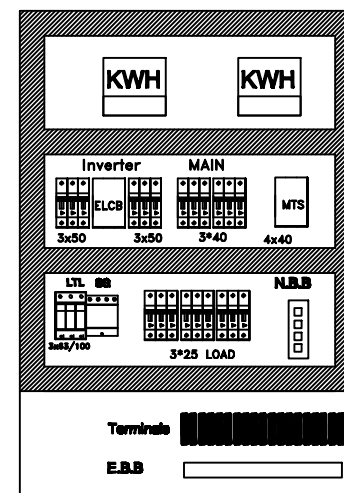
School name
SHOHADA' BANI SOHYLA SECONDARY GIRLS

Drawing name
Single line diagram of solar system

Scale	Drawing No.
1:1	E 05



OUTSIDE ELEVATION



NOTES:

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Al Falkhoora Programme

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Programme of Assistance to the Palestinian People

Designed	ENG. ALAA SHALABY	
Checked	UNDP	
Approved	UNDP	

Project Name

RIGHT TO EDUCATION

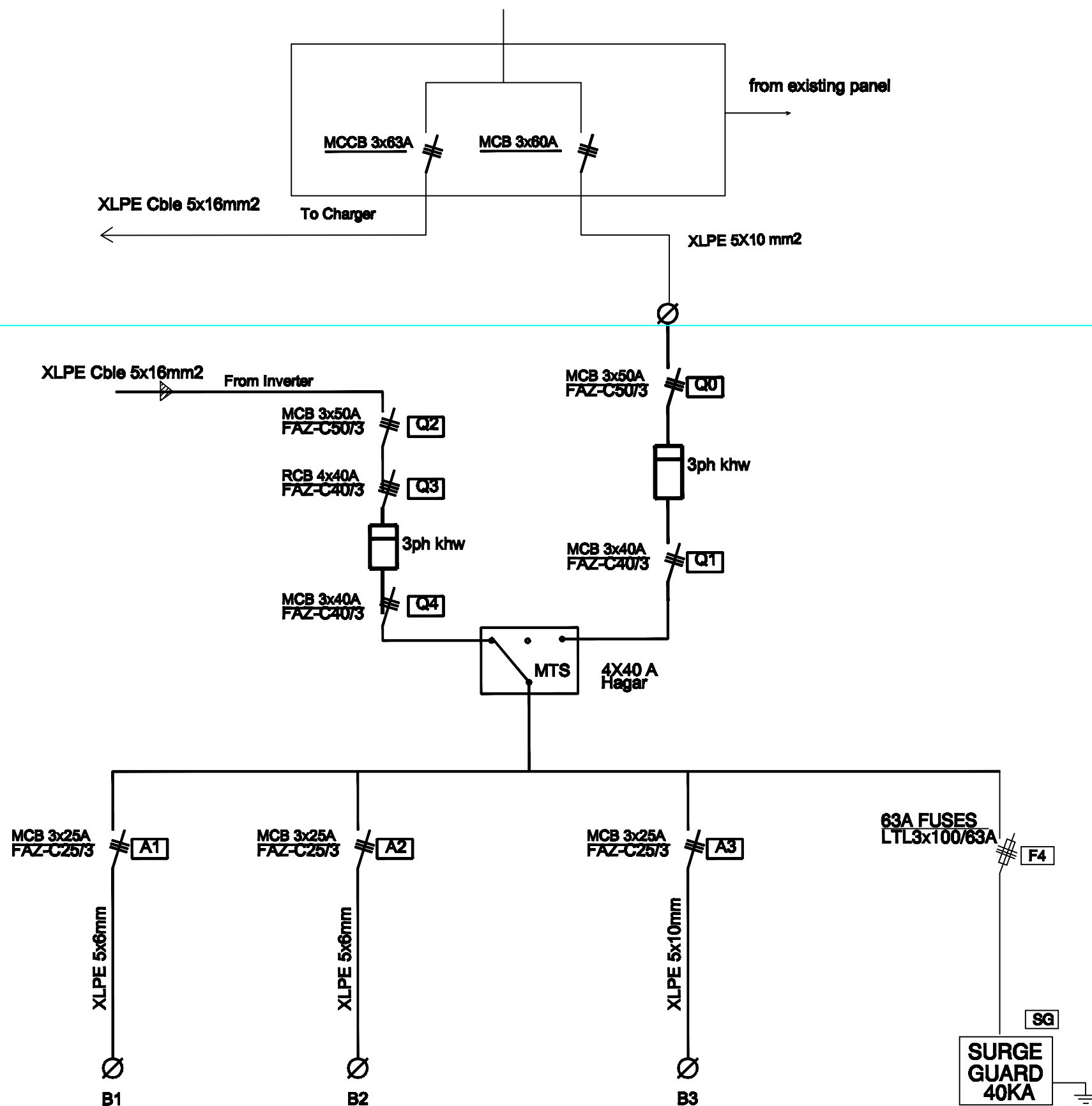
School name

Shohada Bari Sohayla Secondary Girls School

Drawing name

MDB PANEL LAYOUT

Scale	Drawing No.
1:1	E 06



NOTES:

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Al Falkhara Programme

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Programme of Assistance the Palestinian People

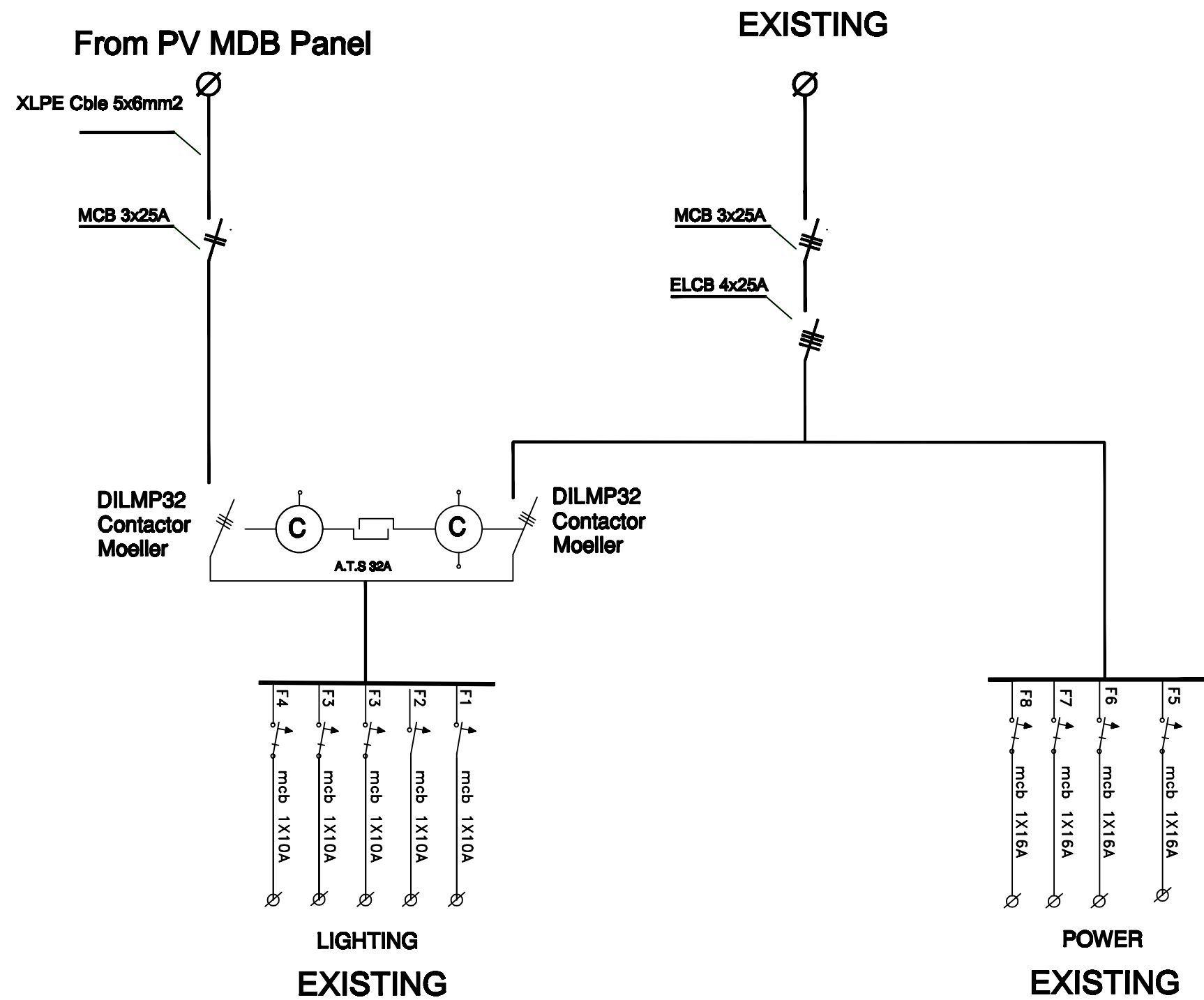
Designed	ENG. ALAA SHALABY
Checked	UNDP
Approved	UNDP

Project Name
RIGHT TO EDUCATION

School name
SHOHADA' BANI SOHYLA SECONDARY GIRLS SCHOOL

Drawing name
PV AC MDB PANEL

Scale	Drawing No.
1:1	E 07



NOTES:

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Programme of Assistance to the Palestinian People

Designed	ENG. ALAA SHALABY
Checked	UNDP
Approved	UNDP

Project Name
RIGHT TO EDUCATION

School name
SHOHADA' BANI SOHYLA SECONDARY GIRLS SCHOOL

Drawing name
SDS PANEL DIAGRAM

Scale	Drawing No.
To/From	E 08

NOTES:

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Designed	ENG. ALAA SHALABY
Checked	UNDP
Approved	UNDP

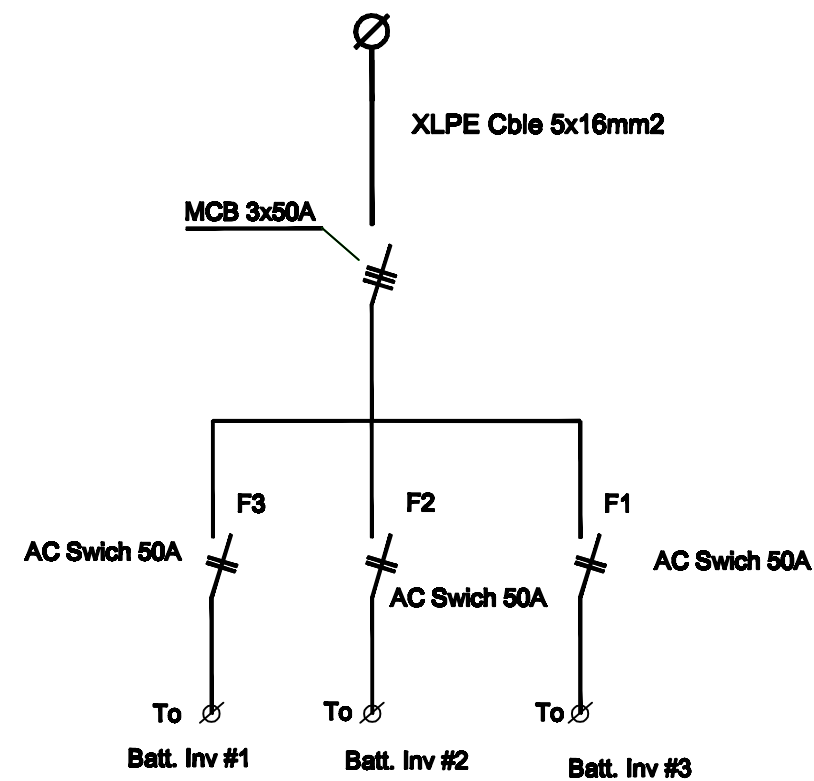
Project Name
RIGHT TO EDUCATION

School name
SHOHADA' BANI SOHYLA SECONDARY GIRLS SCHOOL

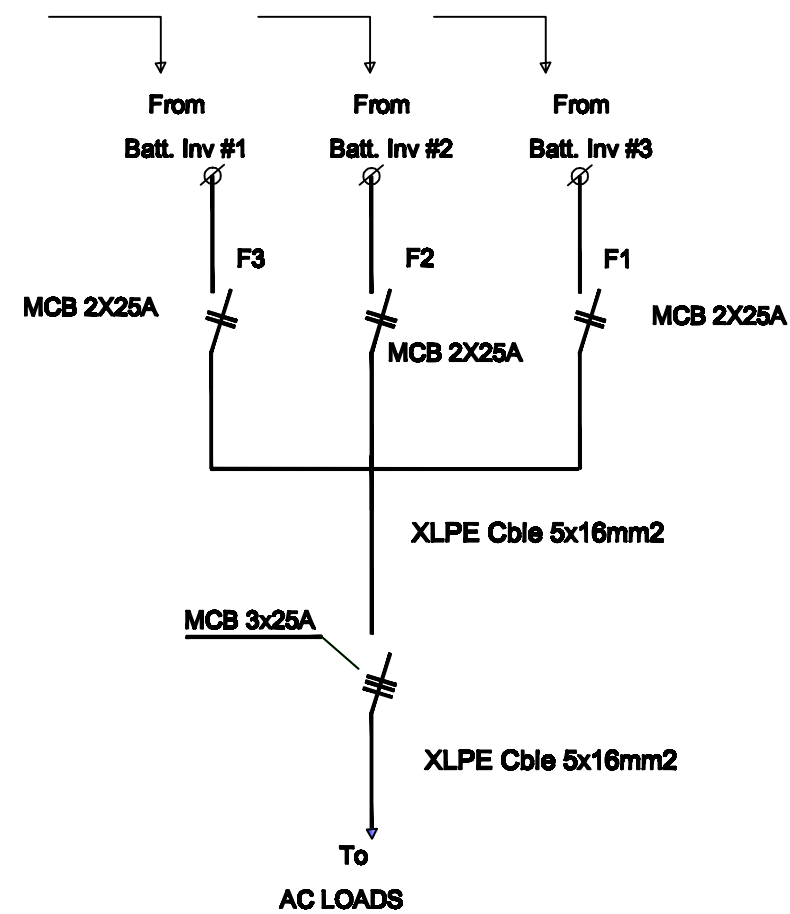
Drawing name
AC OUT & AC IN

Scale	Drawing No.
To/From	E 09

AC IN FOR CHARGING



AC IN PANEL



AC OUT PANEL